

Report No.:

Test Time: 2024/2/26 16:06

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.187 A
Power Factor: 0.949

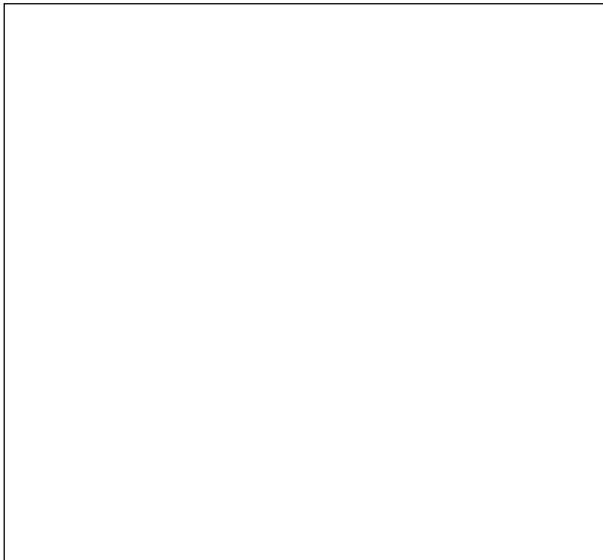
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 996.24 W

Photometric Results

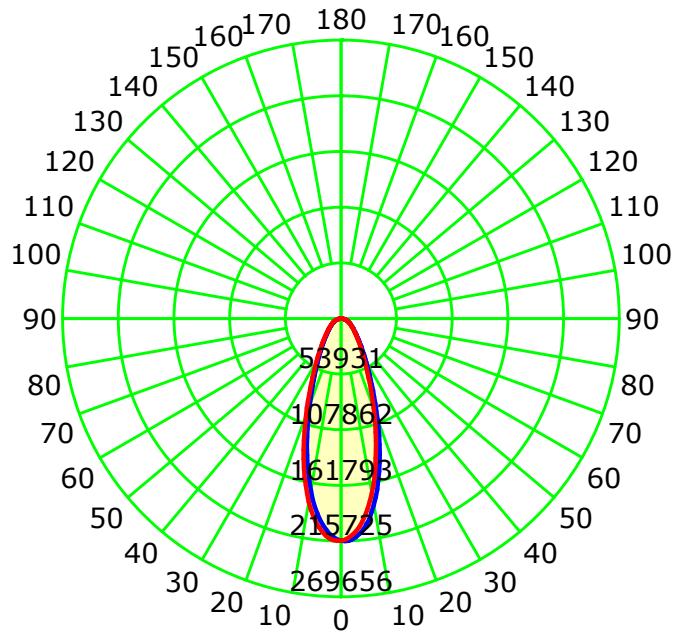
IES Classification: Type I
Total Rated Lamp Lumens: 148101.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 215232.73 cd
Pos of Max. Intensity: H0 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 37.0, 37.0, 37.0, 36.8

Longitudinal Classification: Very Short
Measurement Flux: 148101.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 148.71
Max. Intensity: 215725.08 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

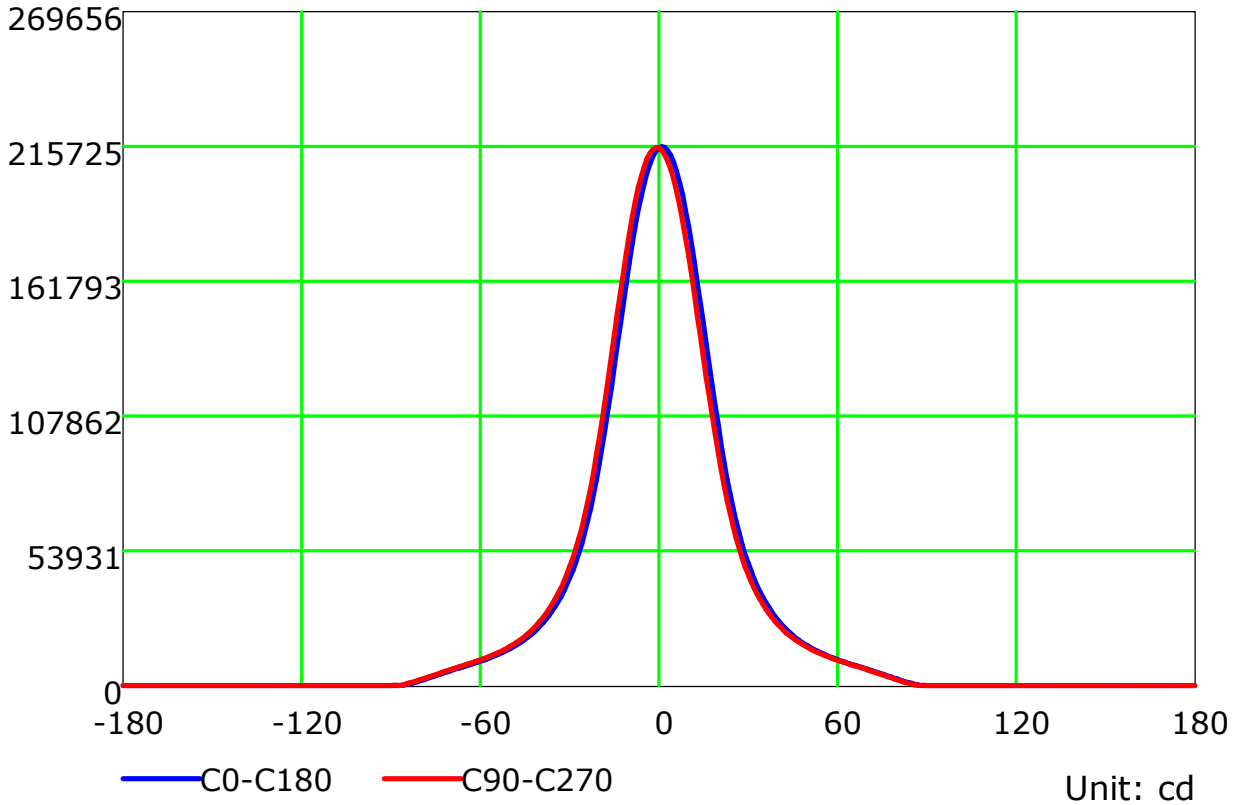
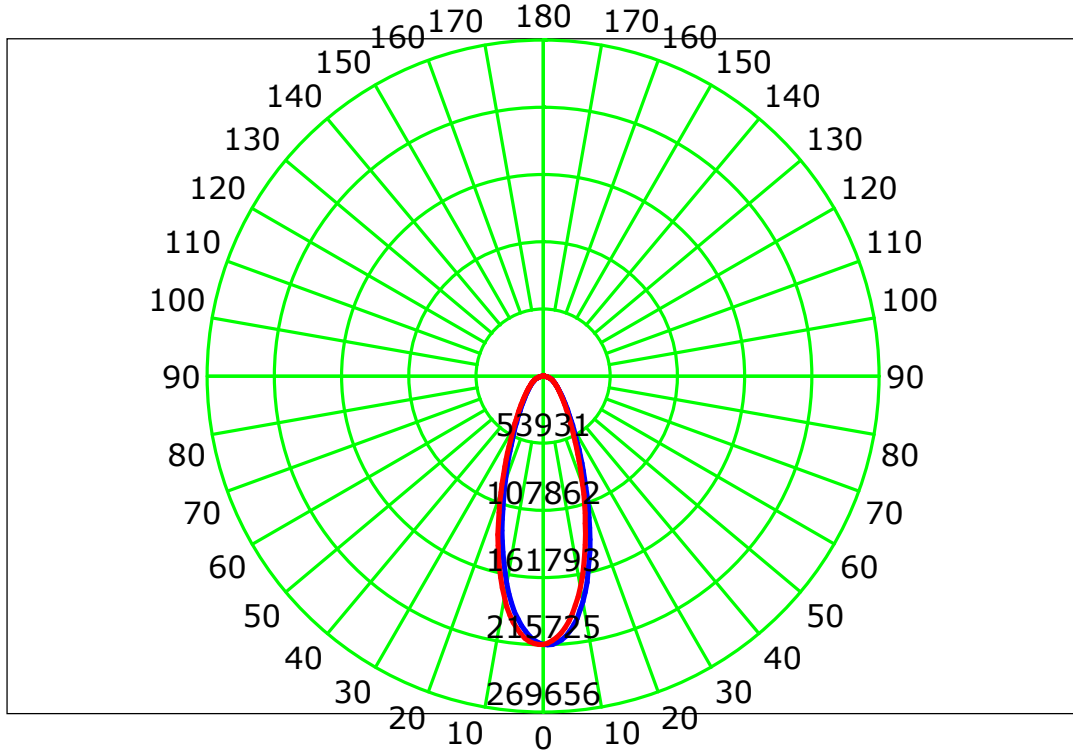
Average Diffuse Angle(50%): 37.0°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.3 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

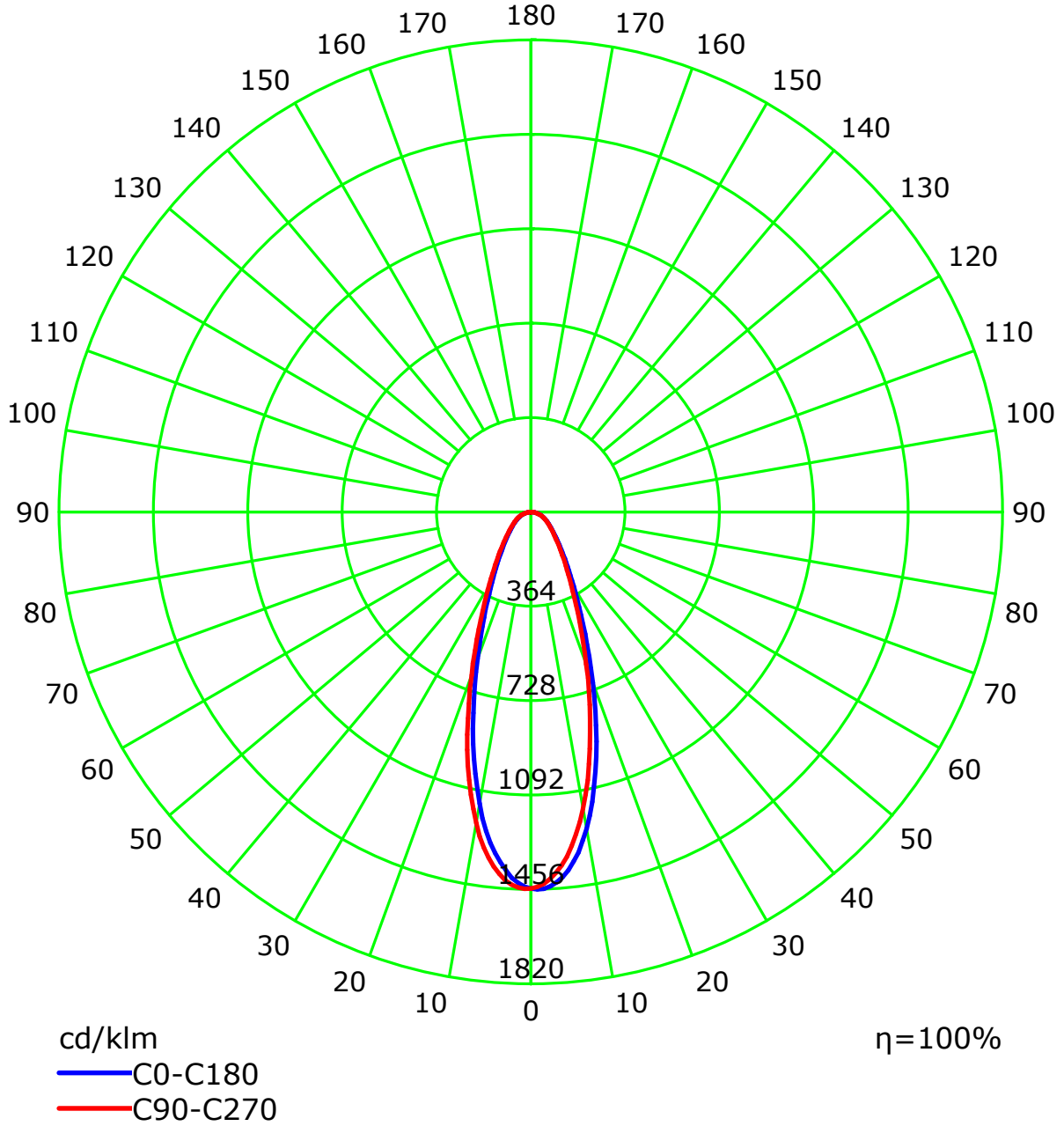
Luminous Intensity Distribution Curve



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 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



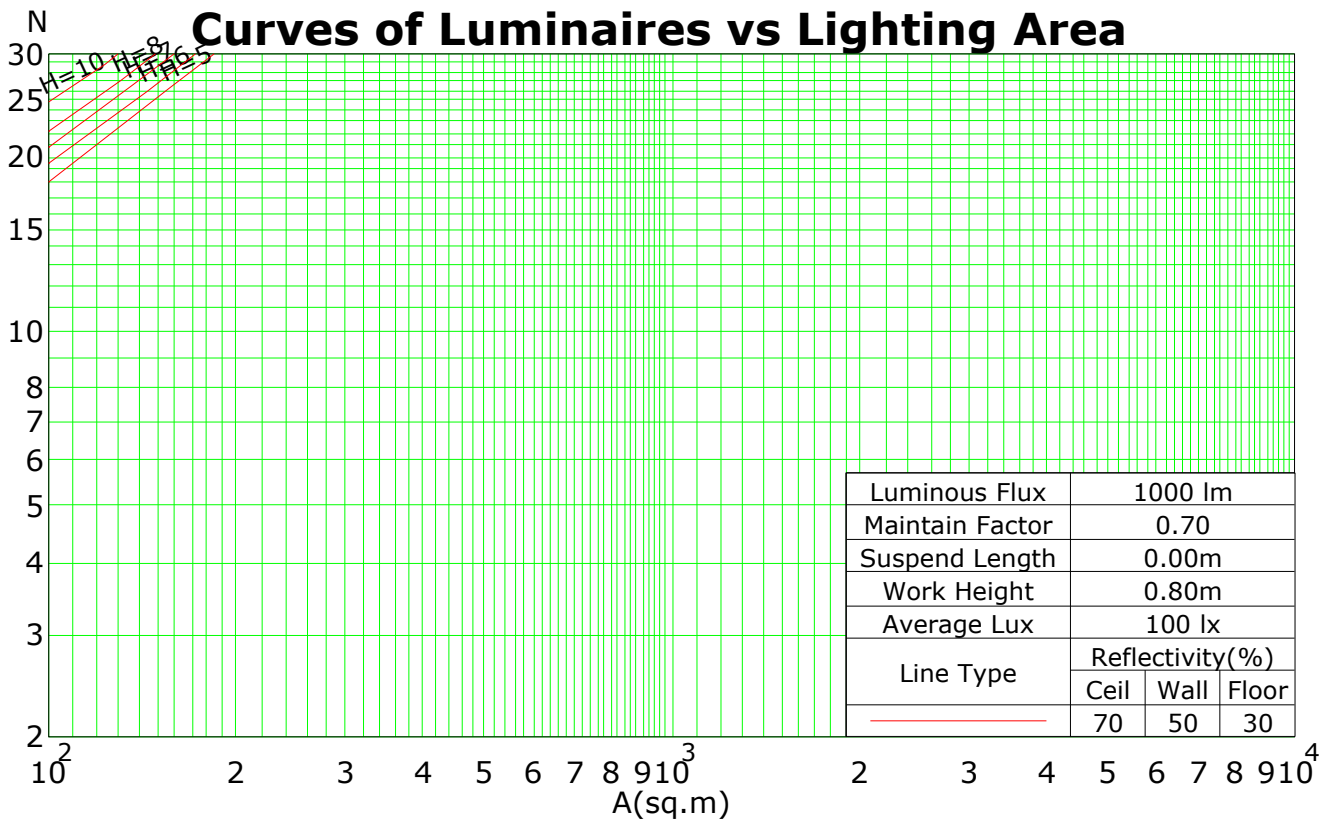
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Temperature: 25.3 'C
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Gamma Plane (°):0.0-180.0:1.0
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Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.12	1.08	1.05	1.02	1.09	1.06	1.03	1.01	1.02	1.00	0.98	0.98	0.96	0.95	0.95	0.93	0.92	0.90
2	1.05	0.99	0.94	0.90	1.02	0.97	0.92	0.89	0.94	0.90	0.87	0.91	0.87	0.85	0.88	0.85	0.83	0.81
3	0.98	0.91	0.84	0.80	0.96	0.89	0.83	0.79	0.86	0.82	0.78	0.84	0.80	0.76	0.81	0.78	0.75	0.73
4	0.93	0.84	0.77	0.72	0.91	0.82	0.76	0.71	0.80	0.75	0.71	0.78	0.73	0.70	0.76	0.72	0.69	0.67
5	0.87	0.78	0.71	0.66	0.85	0.77	0.70	0.65	0.75	0.69	0.65	0.73	0.68	0.64	0.71	0.67	0.64	0.62
6	0.83	0.72	0.65	0.61	0.81	0.71	0.65	0.60	0.70	0.64	0.60	0.68	0.63	0.59	0.67	0.63	0.59	0.57
7	0.78	0.68	0.61	0.56	0.77	0.67	0.61	0.56	0.66	0.60	0.56	0.64	0.59	0.55	0.63	0.59	0.55	0.54
8	0.74	0.64	0.57	0.53	0.73	0.63	0.57	0.52	0.62	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.50
9	0.71	0.60	0.54	0.49	0.70	0.60	0.53	0.49	0.59	0.53	0.49	0.58	0.53	0.49	0.57	0.52	0.49	0.47
10	0.68	0.57	0.51	0.47	0.66	0.57	0.51	0.46	0.56	0.50	0.46	0.55	0.50	0.46	0.54	0.49	0.46	0.45

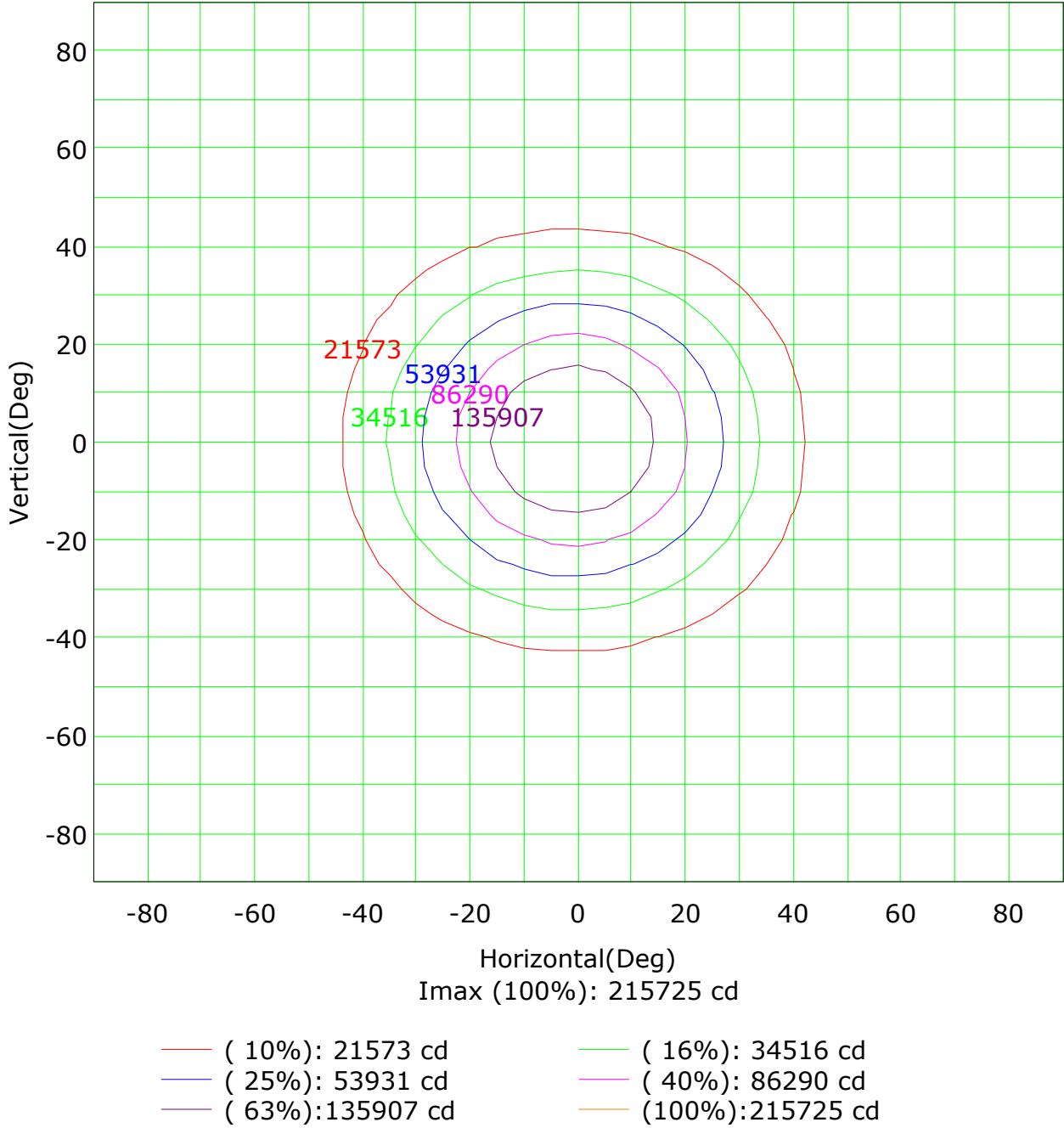
Spacing Criteria (0-180): 0.60
 Spacing Criteria (90-270): 0.60
 Spacing Criteria (Diagonal): 0.63



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

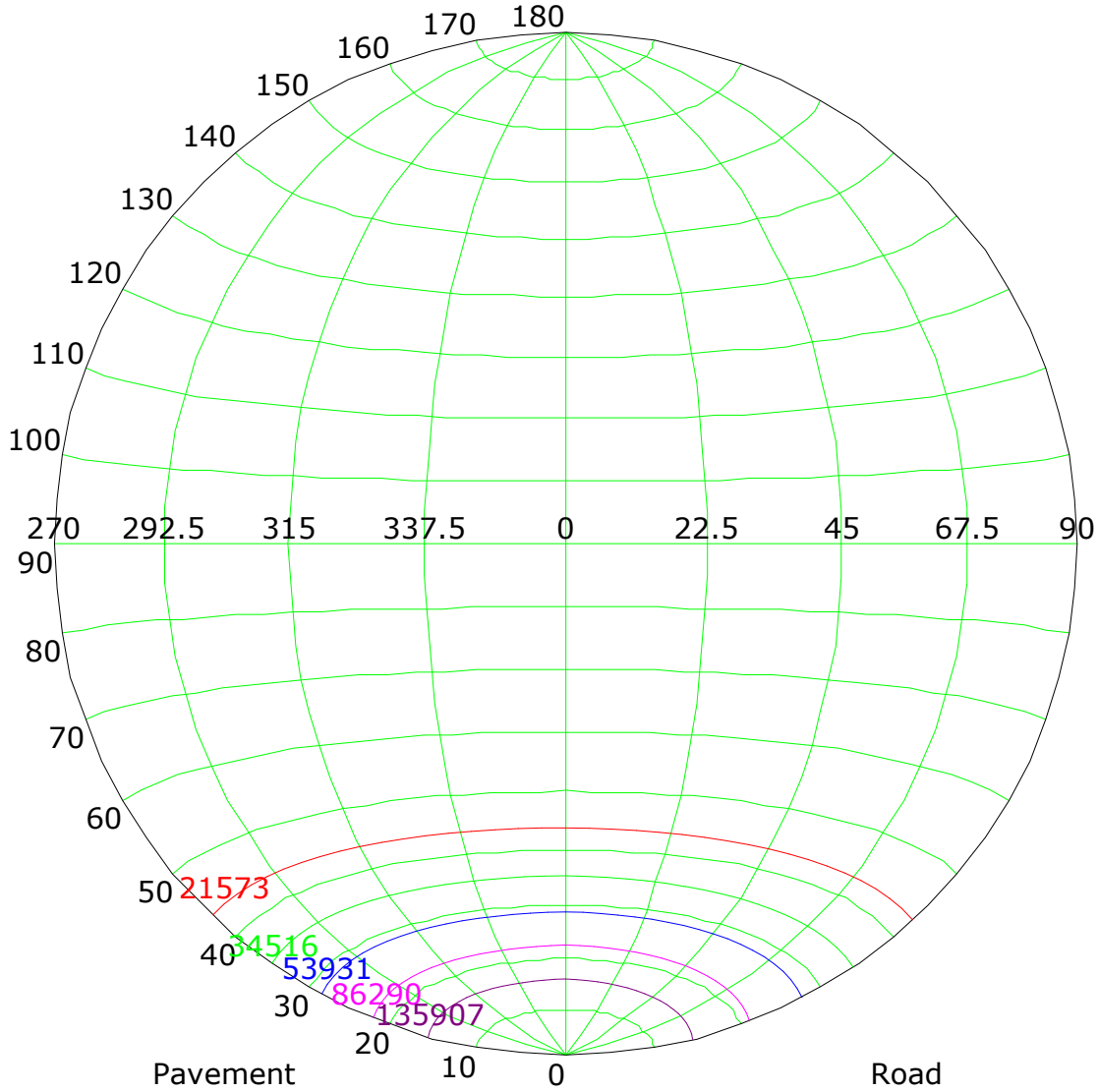
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.3 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 215725 cd

- (10%): 21573 cd
 - (25%): 53931 cd
 - (63%):135907 cd
- (16%): 34516 cd
 - (40%): 86290 cd
 - (100%):215725 cd

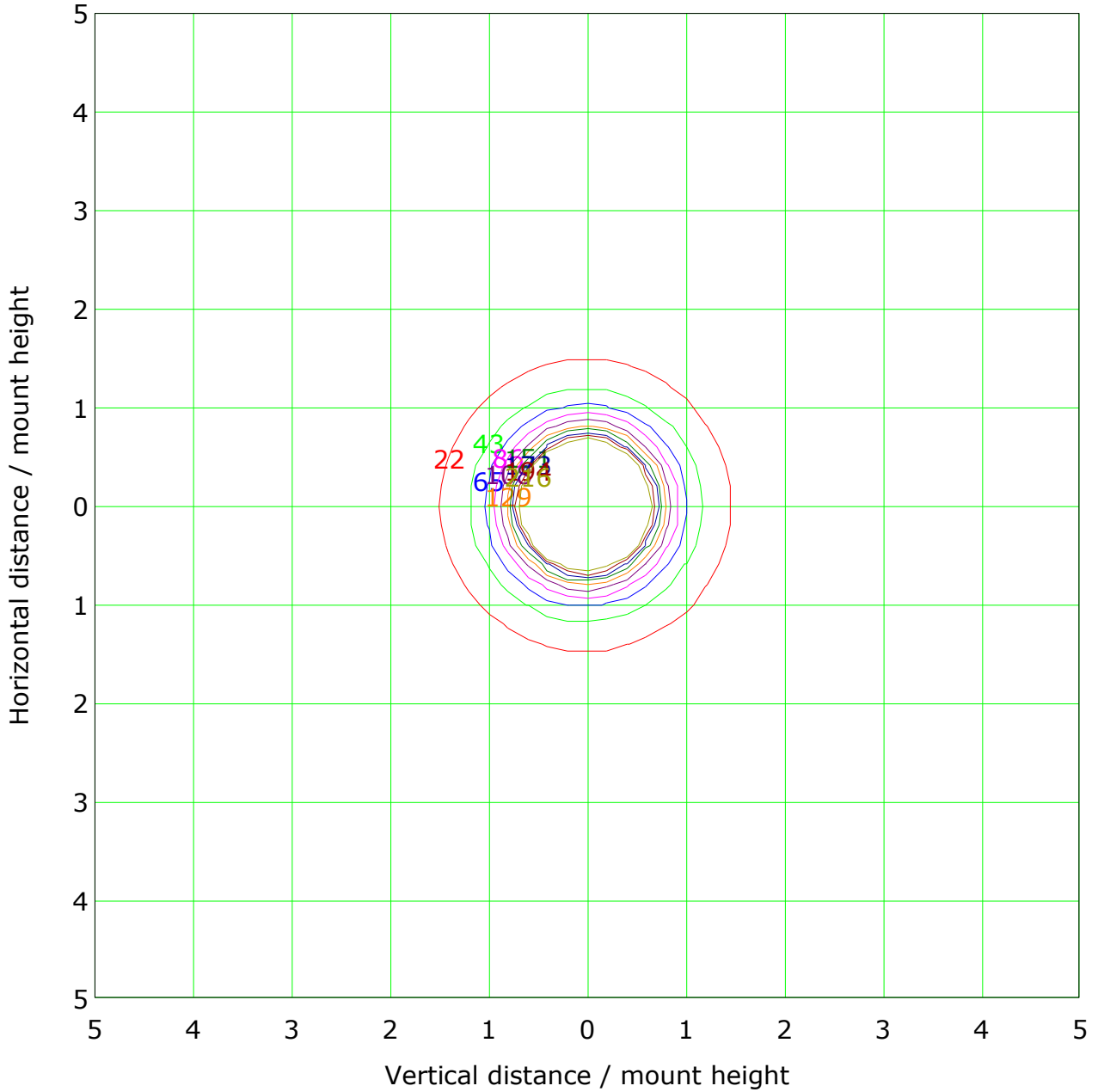
CIE: narrow - short
 CIE: Full-cut-off luminaire
 Max.At90: 0.000 cd/klm

IES: Cut-off
 Max.At80: 18.197 cd/klm
 Max.80-90: 18.197 cd/klm

C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

IsoLux Plot



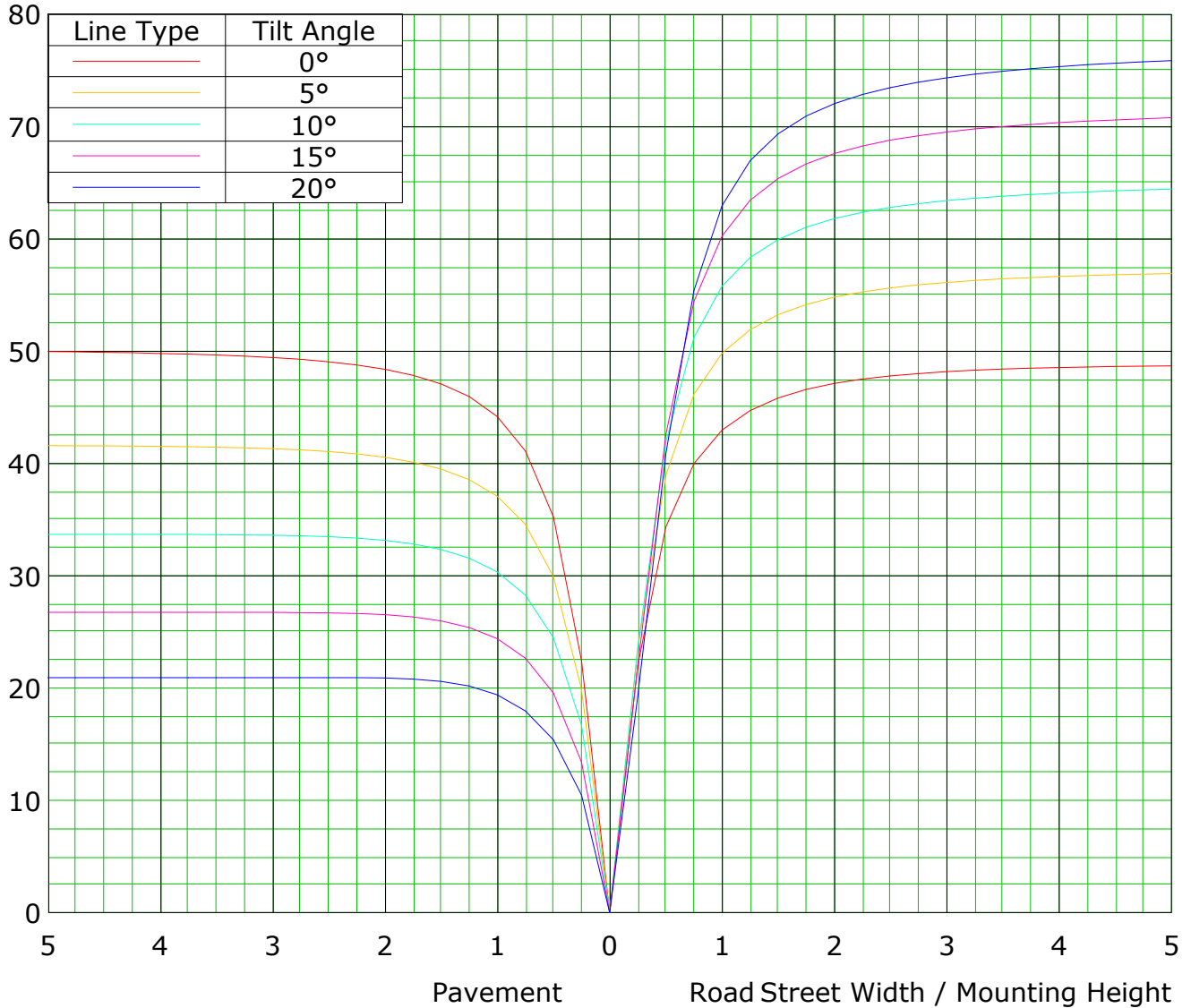
Mounting Height: 10.0m		Max Lux(100%): 2156.3 lx
— (1%): 21.6 lx	— (2%): 43.1 lx	
— (3%): 64.7 lx	— (4%): 86.3 lx	
— (5%): 107.8 lx	— (6%): 129.4 lx	
— (7%): 150.9 lx	— (8%): 172.5 lx	
— (9%): 194.1 lx	— (10%): 215.6 lx	

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



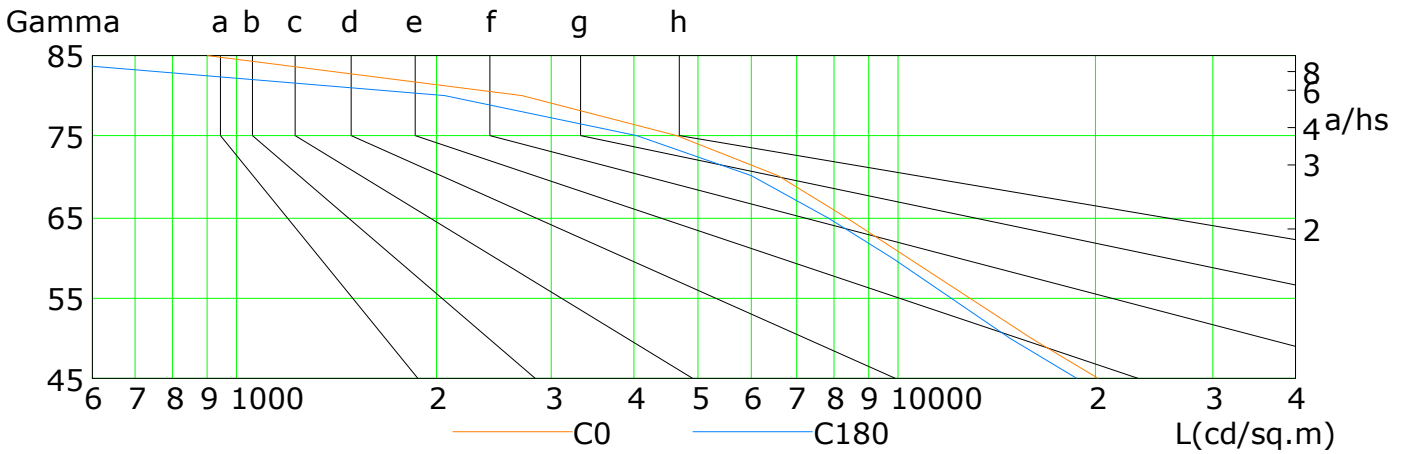
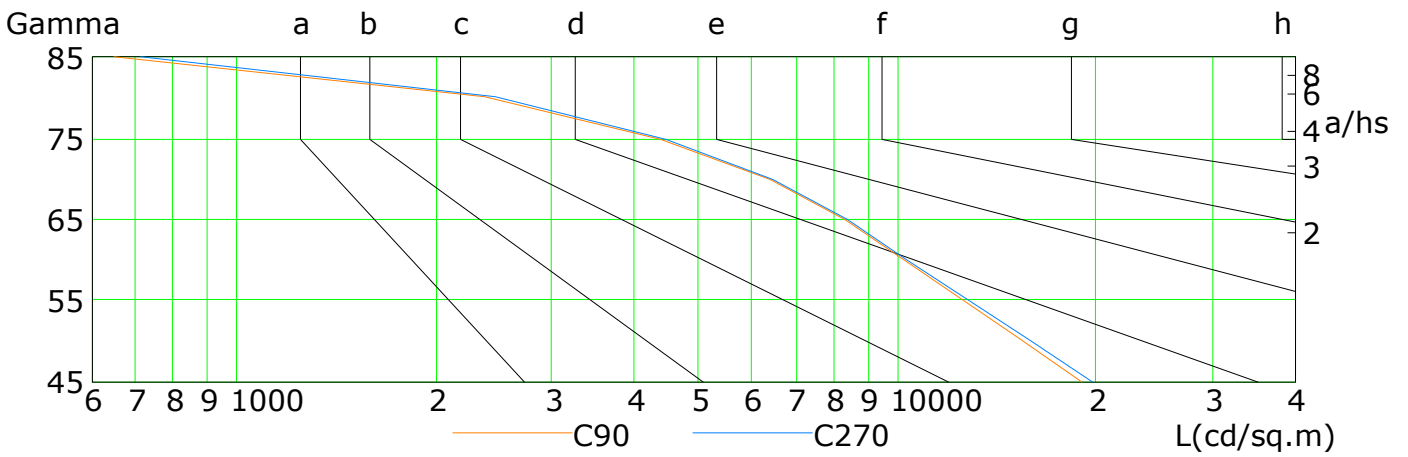
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)								
		2000	1000	500	<=300					
1.15	A									
1.50	B		2000	1000	500	<=300				
1.85	C			2000	1000	500	<=300			
2.20	D				2000	1000	500	<=300		
2.55	E					2000	1000	500	<=300	

a b c d e f g h

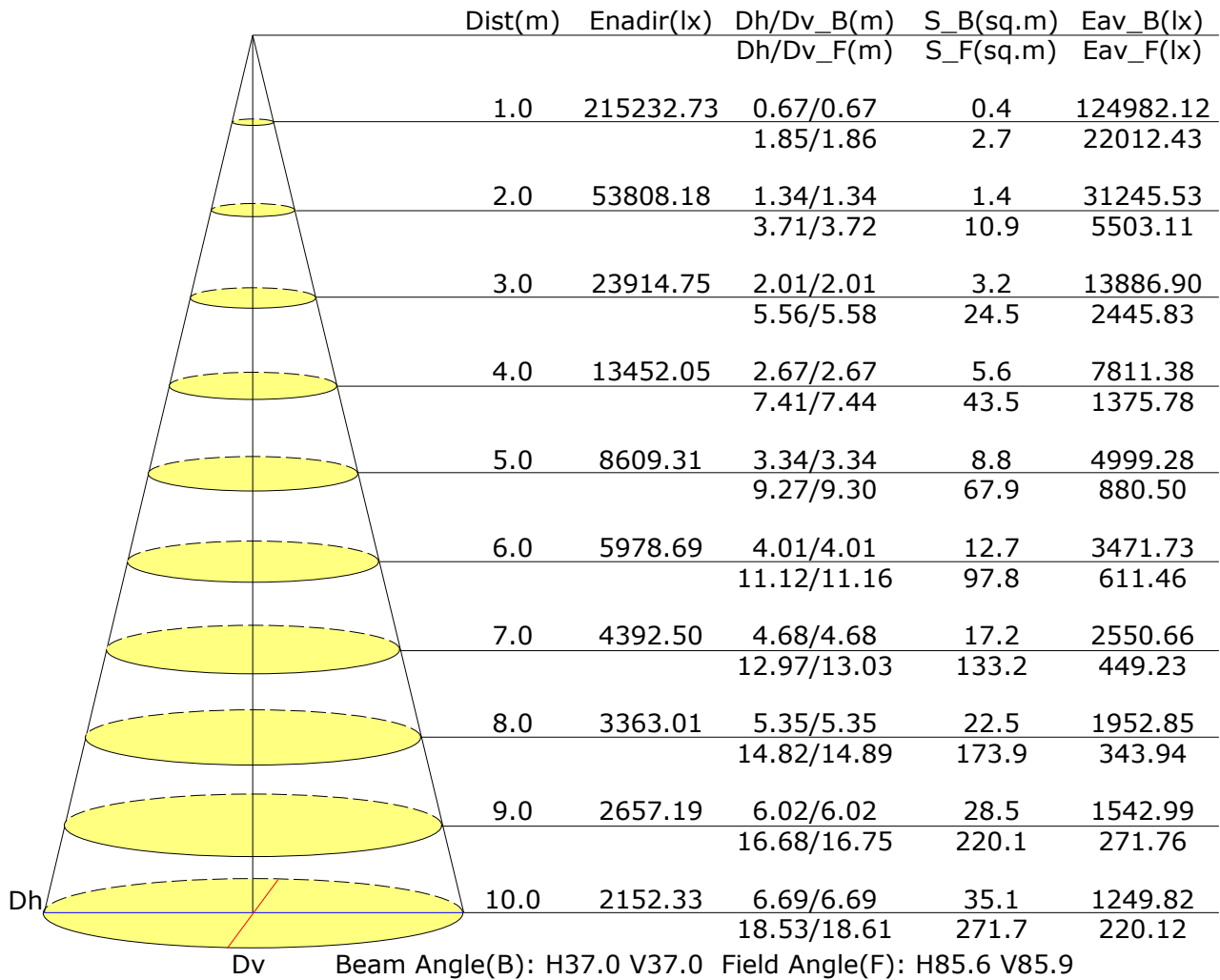


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	20115	15904	12833	10411	8389	6614	4632	2695	900
C90	19114	15352	12521	10192	8285	6404	4373	2362	651
C180	18612	14809	12043	9789	7858	6005	4036	2060	402
C270	19849	15782	12756	10335	8408	6475	4464	2454	709

C Plane (°):0.0-360.0: 22.5
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 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

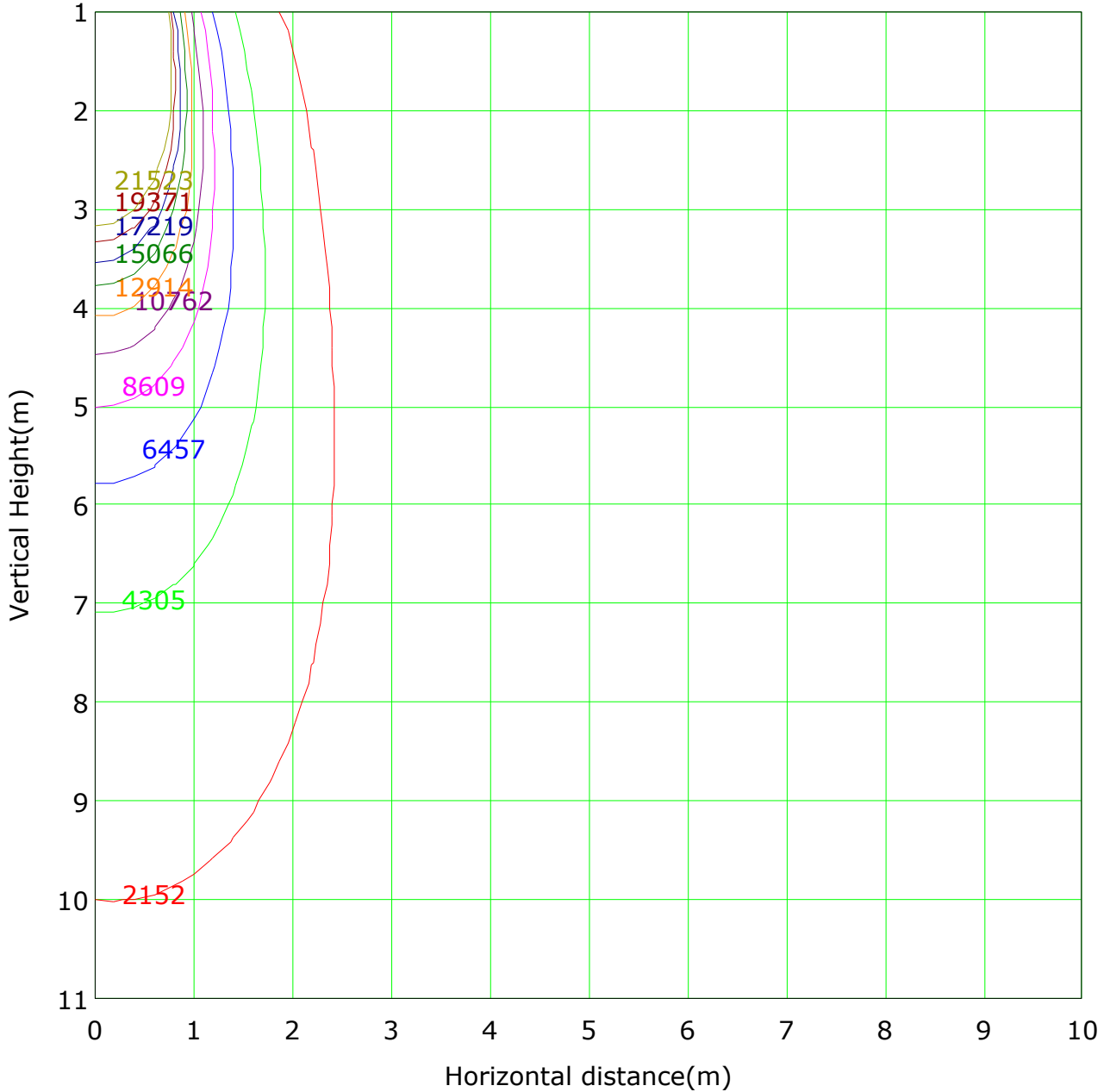
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 215232.7 lx

— (1%):2152.3 lx	— (2%):4304.7 lx
— (3%):6457.0 lx	— (4%):8609.3 lx
— (5%):10761.6 lx	— (6%):12914.0 lx
— (7%):15066.3 lx	— (8%):17218.6 lx
— (9%):19370.9 lx	— (10%):21523.3 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Area Flux Table

Unit: lm

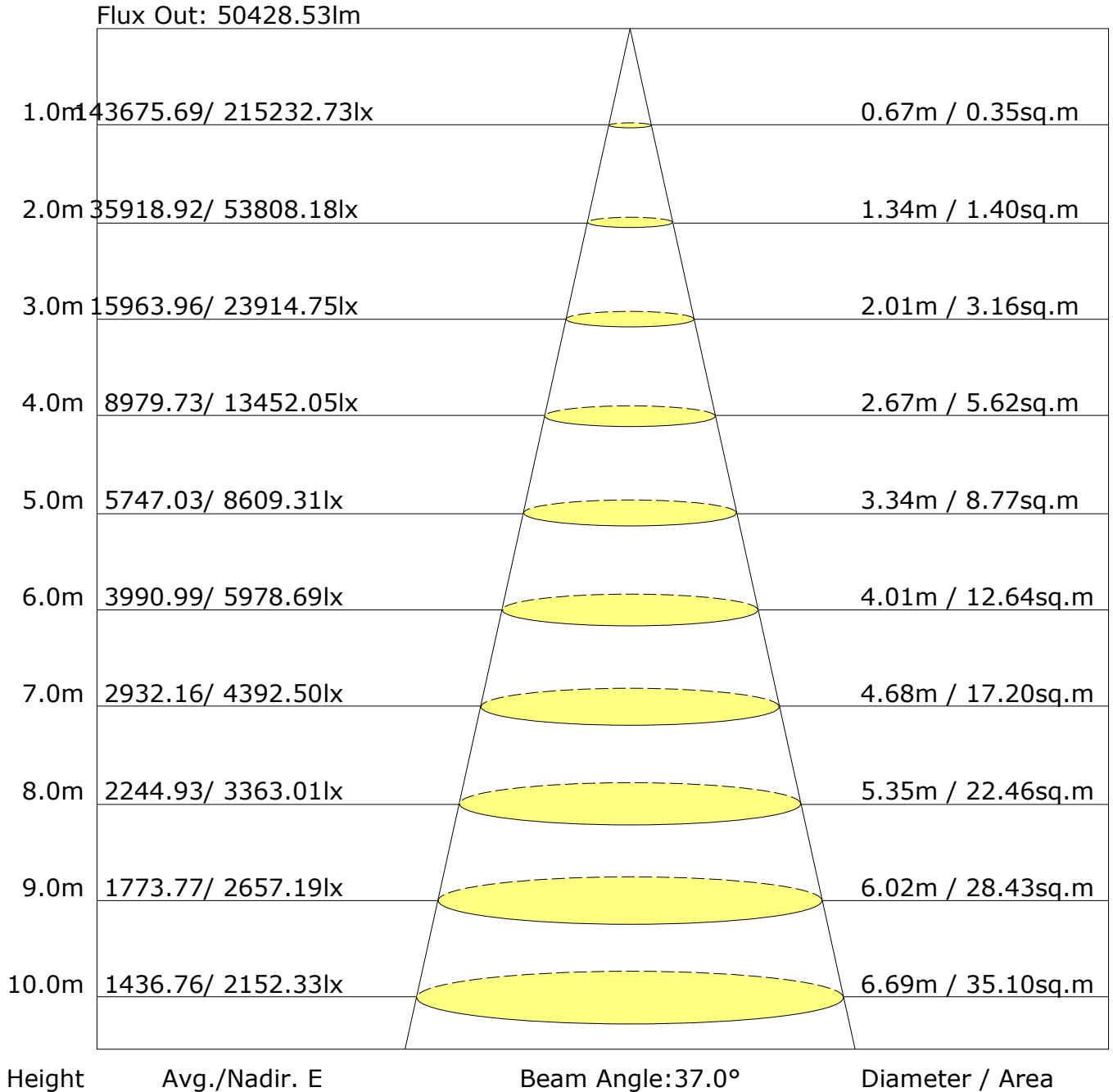
Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(E)	0.0	0.4	1.4	3.6	7.6	12.6	17.9	22.7	26.0	26.8	25.0	21.4	16.6	11.3	6.4	2.7	0.8	0.1	203.3
Flux(T)	0.1	1.8	10.8	28.8	53.5	79.8	104.0	122.8	133.5	1127.4	110.6	87.2	61.2	36.1	16.3	4.3	0.3	1113.8	0.0
Flux(E)	0.0	0.0	0.0	0.0	211.6	356.3	564.9	760.2	951.0	658.8	289.9	15.4	171.4	503.3	0.0	0.0	0.0	0.0	112667

Horizontal plane

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

UGR Table

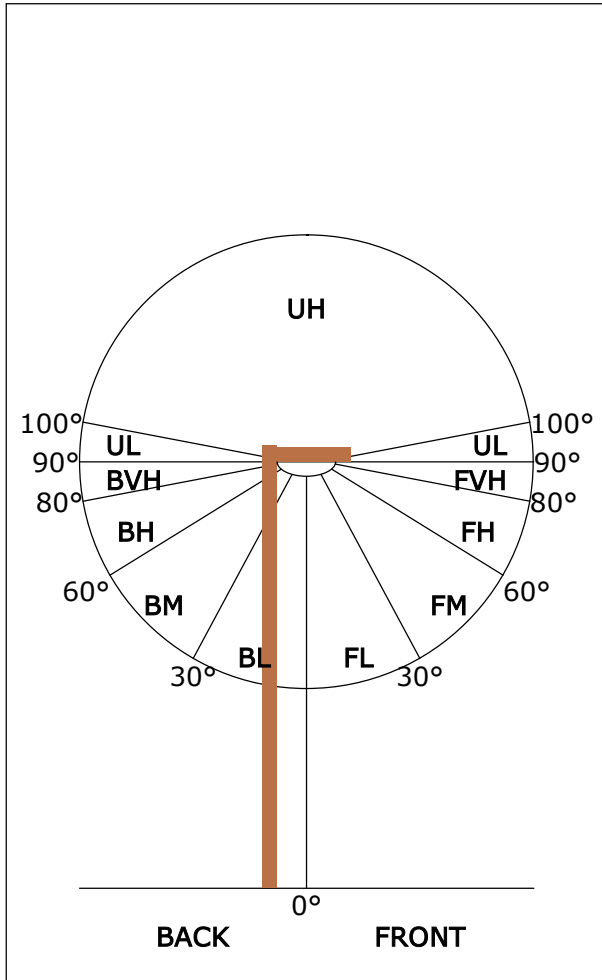
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 148101lm (8log(F/F0) = 17.4).

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



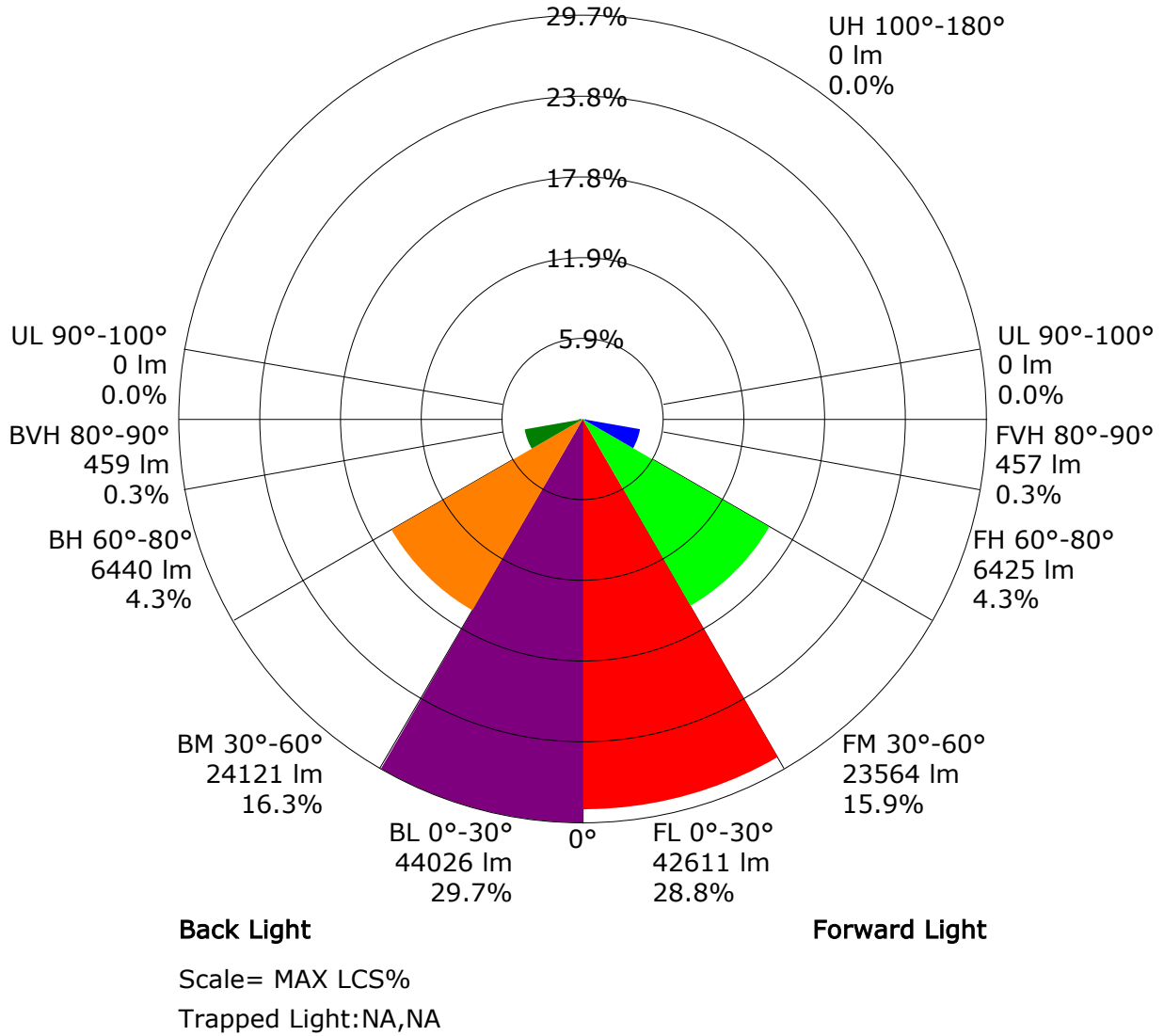
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	73055	49.3
FL (0°-30°)	42611	28.8
FM (30°-60°)	23564	15.9
FH (60°-80°)	6425	4.3
FVH (80°-90°)	457	0.3
BACK LIGHT	75046	50.7
BL (0°-30°)	44026	29.7
BM (30°-60°)	24121	16.3
BH (60°-80°)	6440	4.3
BVH (80°-90°)	459	0.3
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G5
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G3

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 Inspector:

LCS Graph



C Plane (°):0.0-360.0: 22.5
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.75	0.82	0.88	0.91	0.97	1.00	1.03	1.06	1.08	
	0.30		0.69	0.76	0.82	0.86	0.92	0.96	0.99	1.03	1.06	
	0.20		0.65	0.72	0.78	0.82	0.89	0.93	0.96	1.01	1.03	
0.50	0.50	0.20	0.73	0.80	0.85	0.89	0.94	0.97	0.99	1.02	1.04	
	0.30		0.68	0.75	0.81	0.85	0.90	0.94	0.96	1.00	1.02	
	0.20		0.64	0.71	0.77	0.81	0.87	0.91	0.94	0.98	1.00	
0.30	0.50	0.20	0.72	0.79	0.83	0.87	0.91	0.94	0.96	0.99	1.00	
	0.30		0.67	0.74	0.79	0.83	0.88	0.91	0.94	0.97	0.99	
	0.20		0.64	0.71	0.76	0.80	0.85	0.89	0.92	0.95	0.97	
0.00	0.00	0.00	0.62	0.69	0.74	0.77	0.82	0.85	0.88	0.91	0.93	
<p>Rating:996W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.74	0.61	0.52	0.45	0.35	0.29	0.25	0.19	0.16	
	0.30		0.62	0.52	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
	0.20		0.53	0.45	0.40	0.36	0.29	0.25	0.22	0.17	0.14	
0.50	0.50	0.20	0.71	0.58	0.49	0.42	0.34	0.31	0.23	0.18	0.15	
	0.30		0.60	0.50	0.43	0.38	0.31	0.26	0.22	0.17	0.14	
	0.20		0.52	0.44	0.39	0.34	0.28	0.24	0.21	0.16	0.14	
0.30	0.50	0.20	0.68	0.55	0.47	0.40	0.32	0.26	0.22	0.17	0.14	
	0.30		0.58	0.49	0.42	0.36	0.29	0.24	0.21	0.16	0.13	
	0.20		0.51	0.44	0.38	0.33	0.27	0.23	0.20	0.15	0.13	
0.00	0.00	0.00	0.39	0.32	0.27	0.24	0.19	0.16	0.13	0.10	0.08	
<p>Rating:996W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.17	0.18	0.19	0.19	0.20
	0.30		0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA

Rating:996W Photometrically tested without ceiling board.
 Multiply UF values by service correction factors
 Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	215027.4	205.8	205.8	0.14	0.14
1.0-2.0	214219.0	614.9	820.7	0.42	0.55
2.0-3.0	212614.7	1017.0	1837.7	0.69	1.24
3.0-4.0	210206.2	1407.3	3245.0	0.95	2.19
4.0-5.0	207010.5	1781.1	5026.1	1.20	3.39
5.0-6.0	203040.0	2134.1	7160.1	1.44	4.83
6.0-7.0	198261.5	2461.2	9621.3	1.66	6.50
7.0-8.0	192804.9	2759.7	12381.1	1.86	8.36
8.0-9.0	186718.7	3026.5	15407.6	2.04	10.40
9.0-10.0	179978.3	3257.5	18665.1	2.20	12.60
10.0-11.0	172627.7	3449.8	22114.9	2.33	14.93
11.0-12.0	164880.7	3604.8	25719.6	2.43	17.37
12.0-13.0	156814.8	3722.0	29441.6	2.51	19.88
13.0-14.0	148508.5	3801.8	33243.4	2.57	22.45
14.0-15.0	140175.3	3848.8	37092.2	2.60	25.05
15.0-16.0	131842.4	3863.7	40955.9	2.61	27.65
16.0-17.0	123545.1	3847.9	44803.8	2.60	30.25
17.0-18.0	115436.6	3806.6	48610.4	2.57	32.82
18.0-19.0	107605.3	3744.2	52354.6	2.53	35.35
19.0-20.0	100016.8	3661.2	56015.8	2.47	37.82
20.0-21.0	92800.4	3563.9	59579.7	2.41	40.23
21.0-22.0	86076.4	3459.5	63039.1	2.34	42.56
22.0-23.0	79748.5	3346.7	66385.8	2.26	44.82
23.0-24.0	73845.8	3229.1	69614.9	2.18	47.00
24.0-25.0	68465.8	3113.5	72728.4	2.10	49.11
25.0-26.0	63507.5	2998.2	75726.6	2.02	51.13
26.0-27.0	58963.9	2885.1	78611.8	1.95	53.08
27.0-28.0	54840.6	2776.9	81388.6	1.87	54.95
28.0-29.0	51096.4	2673.7	84062.3	1.81	56.76
29.0-30.0	47669.5	2574.1	86636.4	1.74	58.50
30.0-31.0	44563.4	2480.3	89116.7	1.67	60.17
31.0-32.0	41744.7	2391.9	91508.6	1.62	61.79
32.0-33.0	39137.7	2306.0	93814.6	1.56	63.34
33.0-34.0	36743.7	2223.9	96038.5	1.50	64.85
34.0-35.0	34537.6	2145.2	98183.8	1.45	66.30
35.0-36.0	32499.8	2069.6	100253.4	1.40	67.69

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
36.0-37.0	30629.5	1997.9	102251.3	1.35	69.04
37.0-38.0	28899.5	1929.3	104180.5	1.30	70.34
38.0-39.0	27297.5	1863.5	106044.0	1.26	71.60
39.0-40.0	25820.4	1801.1	107845.1	1.22	72.82
40.0-41.0	24449.3	1741.3	109586.3	1.18	73.99
41.0-42.0	23176.1	1684.1	111270.4	1.14	75.13
42.0-43.0	22008.2	1630.5	112900.9	1.10	76.23
43.0-44.0	20936.8	1580.4	114481.3	1.07	77.30
44.0-45.0	19935.3	1532.3	116013.6	1.03	78.33
45.0-46.0	18996.3	1485.8	117499.4	1.00	79.34
46.0-47.0	18132.7	1442.4	118941.8	0.97	80.31
47.0-48.0	17324.4	1400.7	120342.5	0.95	81.26
48.0-49.0	16557.8	1359.9	121702.4	0.92	82.18
49.0-50.0	15841.2	1320.9	123023.3	0.89	83.07
50.0-51.0	15170.7	1283.7	124307.0	0.87	83.93
51.0-52.0	14536.5	1247.5	125554.6	0.84	84.78
52.0-53.0	13939.5	1212.7	126767.3	0.82	85.59
53.0-54.0	13367.4	1178.4	127945.6	0.80	86.39
54.0-55.0	12815.7	1144.1	129089.8	0.77	87.16
55.0-56.0	12289.1	1110.6	130200.4	0.75	87.91
56.0-57.0	11783.8	1077.6	131278.0	0.73	88.64
57.0-58.0	11304.4	1045.5	132323.5	0.71	89.35
58.0-59.0	10846.1	1014.1	133337.6	0.68	90.03
59.0-60.0	10406.6	983.3	134320.9	0.66	90.70
60.0-61.0	9985.3	953.0	135273.9	0.64	91.34
61.0-62.0	9584.6	923.7	136197.6	0.62	91.96
62.0-63.0	9189.8	893.9	137091.5	0.60	92.57
63.0-64.0	8800.0	863.6	137955.1	0.58	93.15
64.0-65.0	8428.1	834.2	138789.3	0.56	93.71
65.0-66.0	8061.0	804.4	139593.7	0.54	94.26
66.0-67.0	7702.6	774.6	140368.3	0.52	94.78
67.0-68.0	7346.8	744.3	141112.7	0.50	95.28
68.0-69.0	6979.0	712.1	141824.7	0.48	95.76
69.0-70.0	6607.4	678.7	142503.4	0.46	96.22
70.0-71.0	6236.1	644.6	143148.1	0.44	96.66
71.0-72.0	5860.8	609.5	143757.6	0.41	97.07

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	5479.5	573.1	144330.6	0.39	97.45
73.0-74.0	5078.2	533.9	144864.6	0.36	97.81
74.0-75.0	4652.8	491.7	145356.3	0.33	98.15
75.0-76.0	4228.6	448.9	145805.2	0.30	98.45
76.0-77.0	3819.2	407.2	146212.4	0.27	98.72
77.0-78.0	3423.4	366.5	146579.0	0.25	98.97
78.0-79.0	3023.0	324.8	146903.8	0.22	99.19
79.0-80.0	2614.8	281.9	147185.7	0.19	99.38
80.0-81.0	2204.6	238.4	147424.2	0.16	99.54
81.0-82.0	1805.6	195.8	147620.0	0.13	99.68
82.0-83.0	1440.0	156.6	147776.6	0.11	99.78
83.0-84.0	1102.3	120.1	147896.7	0.08	99.86
84.0-85.0	785.9	85.8	147982.5	0.06	99.92
85.0-86.0	502.0	54.9	148037.3	0.04	99.96
86.0-87.0	267.1	29.2	148066.6	0.02	99.98
87.0-88.0	143.2	15.7	148082.3	0.01	99.99
88.0-89.0	117.4	12.9	148095.1	0.01	100.00
89.0-90.0	56.1	6.1	148101.3	0.00	100.00
90.0-91.0	0.0	0.0	148101.3	0.00	100.00
91.0-92.0	0.0	0.0	148101.3	0.00	100.00
92.0-93.0	0.0	0.0	148101.3	0.00	100.00
93.0-94.0	0.0	0.0	148101.3	0.00	100.00
94.0-95.0	0.0	0.0	148101.3	0.00	100.00
95.0-96.0	0.0	0.0	148101.3	0.00	100.00
96.0-97.0	0.0	0.0	148101.3	0.00	100.00
97.0-98.0	0.0	0.0	148101.3	0.00	100.00
98.0-99.0	0.0	0.0	148101.3	0.00	100.00
99.0-100.0	0.0	0.0	148101.3	0.00	100.00
100.0-101.0	0.0	0.0	148101.3	0.00	100.00
101.0-102.0	0.0	0.0	148101.3	0.00	100.00
102.0-103.0	0.0	0.0	148101.3	0.00	100.00
103.0-104.0	0.0	0.0	148101.3	0.00	100.00
104.0-105.0	0.0	0.0	148101.3	0.00	100.00
105.0-106.0	0.0	0.0	148101.3	0.00	100.00
106.0-107.0	0.0	0.0	148101.3	0.00	100.00
107.0-108.0	0.0	0.0	148101.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	148101.3	0.00	100.00
109.0-110.0	0.0	0.0	148101.3	0.00	100.00
110.0-111.0	0.0	0.0	148101.3	0.00	100.00
111.0-112.0	0.0	0.0	148101.3	0.00	100.00
112.0-113.0	0.0	0.0	148101.3	0.00	100.00
113.0-114.0	0.0	0.0	148101.3	0.00	100.00
114.0-115.0	0.0	0.0	148101.3	0.00	100.00
115.0-116.0	0.0	0.0	148101.3	0.00	100.00
116.0-117.0	0.0	0.0	148101.3	0.00	100.00
117.0-118.0	0.0	0.0	148101.3	0.00	100.00
118.0-119.0	0.0	0.0	148101.3	0.00	100.00
119.0-120.0	0.0	0.0	148101.3	0.00	100.00
120.0-121.0	0.0	0.0	148101.3	0.00	100.00
121.0-122.0	0.0	0.0	148101.3	0.00	100.00
122.0-123.0	0.0	0.0	148101.3	0.00	100.00
123.0-124.0	0.0	0.0	148101.3	0.00	100.00
124.0-125.0	0.0	0.0	148101.3	0.00	100.00
125.0-126.0	0.0	0.0	148101.3	0.00	100.00
126.0-127.0	0.0	0.0	148101.3	0.00	100.00
127.0-128.0	0.0	0.0	148101.3	0.00	100.00
128.0-129.0	0.0	0.0	148101.3	0.00	100.00
129.0-130.0	0.0	0.0	148101.3	0.00	100.00
130.0-131.0	0.0	0.0	148101.3	0.00	100.00
131.0-132.0	0.0	0.0	148101.3	0.00	100.00
132.0-133.0	0.0	0.0	148101.3	0.00	100.00
133.0-134.0	0.0	0.0	148101.3	0.00	100.00
134.0-135.0	0.0	0.0	148101.3	0.00	100.00
135.0-136.0	0.0	0.0	148101.3	0.00	100.00
136.0-137.0	0.0	0.0	148101.3	0.00	100.00
137.0-138.0	0.0	0.0	148101.3	0.00	100.00
138.0-139.0	0.0	0.0	148101.3	0.00	100.00
139.0-140.0	0.0	0.0	148101.3	0.00	100.00
140.0-141.0	0.0	0.0	148101.3	0.00	100.00
141.0-142.0	0.0	0.0	148101.3	0.00	100.00
142.0-143.0	0.0	0.0	148101.3	0.00	100.00
143.0-144.0	0.0	0.0	148101.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	148101.3	0.00	100.00
145.0-146.0	0.0	0.0	148101.3	0.00	100.00
146.0-147.0	0.0	0.0	148101.3	0.00	100.00
147.0-148.0	0.0	0.0	148101.3	0.00	100.00
148.0-149.0	0.0	0.0	148101.3	0.00	100.00
149.0-150.0	0.0	0.0	148101.3	0.00	100.00
150.0-151.0	0.0	0.0	148101.3	0.00	100.00
151.0-152.0	0.0	0.0	148101.3	0.00	100.00
152.0-153.0	0.0	0.0	148101.3	0.00	100.00
153.0-154.0	0.0	0.0	148101.3	0.00	100.00
154.0-155.0	0.0	0.0	148101.3	0.00	100.00
155.0-156.0	0.0	0.0	148101.3	0.00	100.00
156.0-157.0	0.0	0.0	148101.3	0.00	100.00
157.0-158.0	0.0	0.0	148101.3	0.00	100.00
158.0-159.0	0.0	0.0	148101.3	0.00	100.00
159.0-160.0	0.0	0.0	148101.3	0.00	100.00
160.0-161.0	0.0	0.0	148101.3	0.00	100.00
161.0-162.0	0.0	0.0	148101.3	0.00	100.00
162.0-163.0	0.0	0.0	148101.3	0.00	100.00
163.0-164.0	0.0	0.0	148101.3	0.00	100.00
164.0-165.0	0.0	0.0	148101.3	0.00	100.00
165.0-166.0	0.0	0.0	148101.3	0.00	100.00
166.0-167.0	0.0	0.0	148101.3	0.00	100.00
167.0-168.0	0.0	0.0	148101.3	0.00	100.00
168.0-169.0	0.0	0.0	148101.3	0.00	100.00
169.0-170.0	0.0	0.0	148101.3	0.00	100.00
170.0-171.0	0.0	0.0	148101.3	0.00	100.00
171.0-172.0	0.0	0.0	148101.3	0.00	100.00
172.0-173.0	0.0	0.0	148101.3	0.00	100.00
173.0-174.0	0.0	0.0	148101.3	0.00	100.00
174.0-175.0	0.0	0.0	148101.3	0.00	100.00
175.0-176.0	0.0	0.0	148101.3	0.00	100.00
176.0-177.0	0.0	0.0	148101.3	0.00	100.00
177.0-178.0	0.0	0.0	148101.3	0.00	100.00
178.0-179.0	0.0	0.0	148101.3	0.00	100.00
179.0-180.0	0.0	0.0	148101.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 116013.59 lm

%lum = 78.3%

%lamp = 78.3%

cone flux(120°): 134320.91 lm

%lum = 90.7%

%lamp = 90.7%

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.3 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.320 m [K=8.8652]

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7
G1.0	215725.1	215368.7	214999.2	214616.0	214250.0	214153.0	213987.4	213961.0	214053.7	214222.7
G2.0	215381.8	214721.3	213967.6	213181.3	212479.9	212214.8	211966.1	211978.4	212064.9	212455.2
G3.0	214112.0	213271.0	212138.0	211019.6	209980.8	209242.3	209214.6	209219.8	209279.3	209930.3
G4.0	212142.6	210797.8	209257.3	208085.3	206720.3	205801.5	205719.7	205809.0	205372.9	206634.8
G5.0	209350.5	207664.2	206182.0	204352.6	202717.8	201515.2	201403.3	201524.3	201019.5	202536.6
G6.0	205800.4	203837.9	201692.3	199509.8	198038.6	196611.0	195945.9	196652.7	195992.4	197810.3
G7.0	201097.2	199331.8	196878.2	194374.8	192090.3	191069.4	190377.6	190496.2	190460.0	191925.1
G8.0	196465.3	194009.9	191207.7	188447.9	185933.7	184747.2	183890.0	184131.2	184124.3	185793.9
G9.0	190019.5	187904.6	184933.8	181891.3	179165.4	177807.2	176880.8	177048.7	177225.0	179002.4
G10.0	183606.0	181249.0	178147.4	174919.2	171980.5	170463.9	169532.5	169555.4	169068.9	171764.1
G11.0	176661.4	173453.9	170219.0	167596.5	164496.3	162034.3	161101.8	161801.2	161113.6	163891.3
G12.0	169276.2	166079.6	162744.8	159072.9	156621.6	154196.7	153062.4	153883.9	152918.6	155824.3
G13.0	160854.5	157650.0	154894.4	151107.6	147777.3	146202.9	144892.5	145047.1	144833.8	146980.3
G14.0	152646.6	149479.4	146557.3	142902.1	139512.1	137871.0	136637.9	136829.9	136554.6	138641.4
G15.0	144898.6	141716.7	138129.4	134423.9	131090.8	129382.9	128155.1	128227.9	128191.2	130296.0
G16.0	136451.0	133209.4	129870.2	126147.0	122936.2	121103.0	120024.4	119971.6	119426.2	122241.9
G17.0	127465.7	124974.1	121877.0	118233.6	115165.7	113232.8	112310.9	112080.4	111496.8	114233.1
G18.0	119568.7	117036.5	113442.6	110651.2	107681.5	105707.4	104186.7	104587.1	103872.0	106457.5
G19.0	111613.4	108639.3	105890.6	102634.0	100405.5	97902.2	96975.4	97452.4	96784.8	98500.5
G20.0	103923.8	101310.4	98546.2	95408.7	92667.5	91098.8	90109.6	90056.9	89237.6	91527.6
G21.0	95800.1	93573.5	91487.2	88521.0	85977.3	84620.5	83498.0	83594.0	82571.5	84833.2
G22.0	88972.0	86917.9	84824.0	82087.7	79820.7	78051.2	77590.7	77705.0	76786.5	78779.7
G23.0	82318.9	80624.9	78199.8	76212.7	74080.6	72314.5	71474.7	71979.0	71053.2	72920.4
G24.0	76475.5	74694.4	72639.6	70292.3	68692.0	67052.5	66265.1	66748.7	65954.9	67637.4
G25.0	70833.0	69249.5	67442.7	65306.6	63693.8	62258.9	61485.8	62020.5	61342.4	62457.9
G26.0	65695.7	64290.1	62570.2	60619.6	59092.7	57790.4	57104.2	57194.5	56697.5	58158.9
G27.0	60960.1	59667.4	58048.1	56276.7	54869.0	53712.2	53094.2	53229.4	52823.5	54144.8
G28.0	56302.3	55465.6	53941.2	52349.2	51068.3	50017.8	49488.5	49603.4	49299.3	50538.6
G29.0	52473.7	51678.1	50256.0	49135.8	47612.6	46668.1	46221.9	46336.0	46092.6	47210.8
G30.0	49046.7	47923.0	46888.7	45896.4	44547.3	43624.1	43300.8	43394.8	43125.6	43863.6
G31.0	45924.2	44770.0	44092.4	42929.7	41729.3	40833.8	40568.9	40707.9	40495.4	41150.9
G32.0	42730.4	42173.8	41257.2	40170.7	39152.2	38284.1	38071.6	38171.0	37819.9	38690.6
G33.0	40009.6	39461.1	38623.0	37632.5	36776.7	36111.7	35750.4	35823.2	35572.0	36353.4
G34.0	37528.4	36962.0	36190.0	35321.4	34564.0	33932.8	33605.3	33860.2	33518.4	34242.8
G35.0	35274.0	34754.2	34003.6	33224.6	32618.1	31929.5	31701.4	31727.6	31607.3	32261.6
G36.0	33226.8	32734.2	32050.7	31329.0	30620.2	30160.3	29973.5	29973.3	29851.7	30267.5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	31283.4	30863.2	30227.6	29589.2	28921.6	28495.2	28160.9	28356.0	28050.7	28610.1
G38.0	29456.5	29134.5	28534.2	27933.8	27333.6	26940.7	26641.7	26797.3	26573.7	27075.7
G39.0	27765.7	27438.2	26990.1	26395.3	25849.8	25509.7	25344.1	25362.5	25167.9	25644.8
G40.0	26191.5	25916.8	25439.4	25019.1	24574.2	24104.8	24014.0	24116.9	23872.3	24298.2
G41.0	24785.7	24531.3	24148.3	23668.8	23318.2	22934.1	22827.3	22877.8	22647.9	22932.1
G42.0	23509.5	23152.2	22909.1	22545.7	22094.7	21724.3	21627.6	21697.4	21520.7	21818.5
G43.0	22330.5	22032.2	21793.2	21448.6	21001.3	20709.6	20630.0	20686.5	20419.4	20763.2
G44.0	21209.7	21048.1	20703.2	20397.0	20018.6	19864.0	19671.5	19721.4	19473.6	19779.1
G45.0	20114.9	19895.6	19743.0	19423.2	19114.0	18933.9	18850.0	18827.9	18612.0	18814.4
G46.0	19071.9	18995.7	18756.8	18533.8	18274.5	18036.3	17937.2	18006.2	17769.8	17966.3
G47.0	18197.4	18167.0	17971.7	17702.9	17467.5	17327.4	17213.4	17197.5	16940.6	17195.8
G48.0	17407.0	17286.5	17173.7	16975.8	16738.6	16546.9	16444.0	16421.4	16215.0	16418.9
G49.0	16623.1	16548.4	16434.1	16190.3	16022.7	15837.9	15746.4	15710.6	15528.3	15732.6
G50.0	15904.1	15784.4	15752.8	15502.2	15352.4	15181.0	15068.3	15019.3	14809.2	15033.4
G51.0	15197.9	15124.0	15045.7	14879.0	14701.6	14576.1	14507.5	14419.3	14219.7	14398.9
G52.0	14595.4	14483.1	14403.3	14223.3	14063.8	13977.7	13842.4	13786.7	13662.6	13829.2
G53.0	13993.0	13855.1	13845.4	13723.5	13562.7	13372.8	13392.6	13271.5	13092.5	13278.9
G54.0	13332.2	13298.3	13300.4	13074.3	13016.0	12865.4	12786.2	12736.7	12574.2	12728.5
G55.0	12833.4	12728.5	12703.5	12580.9	12521.4	12299.6	12284.1	12208.5	12043.0	12184.7
G56.0	12315.1	12223.5	12184.5	12087.6	12007.3	11824.8	11749.5	11719.3	11531.3	11679.7
G57.0	11764.5	11738.0	11671.9	11626.7	11538.7	11343.4	11234.4	11223.7	11097.2	11252.4
G58.0	11323.9	11220.0	11250.2	11139.8	11031.1	10881.6	10849.7	10786.7	10624.3	10760.3
G59.0	10928.8	10734.4	10802.5	10659.4	10588.5	10478.4	10367.2	10369.4	10209.7	10281.2
G60.0	10410.5	10294.2	10367.8	10237.4	10191.5	10016.6	10015.1	9997.6	9788.6	9866.9
G61.0	9976.5	9899.3	9881.2	9886.9	9807.6	9639.3	9584.7	9606.3	9367.5	9465.5
G62.0	9613.7	9523.7	9511.4	9523.3	9365.0	9262.1	9167.4	9202.0	8978.8	9102.9
G63.0	9186.1	9122.3	9102.7	9094.9	9020.1	8845.8	8782.8	8830.3	8622.5	8682.1
G64.0	8803.9	8701.5	8700.4	8698.9	8655.7	8481.6	8476.3	8452.0	8246.8	8254.8
G65.0	8389.3	8377.8	8356.5	8400.3	8284.7	8136.8	8039.4	8086.8	7858.1	7931.1
G66.0	8078.4	7995.8	7954.3	8023.8	7907.2	7785.6	7706.9	7728.1	7521.2	7568.5
G67.0	7709.1	7672.1	7603.9	7686.2	7562.3	7401.9	7367.9	7408.5	7139.0	7205.9
G68.0	7339.8	7283.6	7299.0	7290.2	7217.4	7057.1	7028.8	7030.3	6808.6	6817.5
G69.0	6957.6	6953.4	6929.2	6939.6	6833.4	6725.4	6696.3	6645.5	6413.4	6513.2
G70.0	6614.3	6649.1	6520.4	6498.2	6403.9	6380.7	6259.4	6293.4	6005.3	6176.5
G71.0	6238.5	6293.0	6209.0	6128.2	6006.9	6042.5	5933.4	5869.5	5616.6	5833.4
G72.0	5843.4	5937.0	5858.7	5745.2	5596.9	5697.7	5594.4	5465.1	5260.3	5483.8
G73.0	5467.6	5632.7	5475.9	5342.7	5219.4	5346.5	5203.1	5047.7	4774.5	5088.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	5046.5	5263.6	5067.1	4875.3	4828.9	4871.7	4779.3	4604.3	4385.8	4661.5
G75.0	4631.9	4765.1	4651.9	4479.3	4373.4	4448.9	4270.7	4245.6	4035.9	4169.5
G76.0	4249.7	4344.3	4158.8	4050.8	3995.9	3974.1	3820.8	3841.2	3627.8	3748.6
G77.0	3835.1	3910.5	3756.6	3693.8	3540.4	3499.3	3449.2	3436.9	3297.4	3366.7
G78.0	3478.8	3450.8	3451.6	3388.7	3241.0	3115.5	3110.1	3026.0	2831.0	2900.5
G79.0	3070.7	3049.4	2997.5	2888.8	2798.4	2692.8	2666.8	2641.2	2403.4	2531.5
G80.0	2694.9	2622.1	2666.6	2499.3	2362.4	2250.5	2314.7	2250.0	2060.1	2071.8
G81.0	2299.8	2207.7	2141.0	2090.3	1991.4	1860.2	1838.7	1832.6	1639.0	1683.3
G82.0	1852.8	1825.8	1790.7	1674.9	1653.0	1450.5	1421.4	1493.4	1289.2	1359.6
G83.0	1515.9	1443.8	1343.0	1330.8	1230.0	1196.8	1121.5	1147.8	971.7	1029.4
G84.0	1217.9	1152.4	1051.1	993.2	924.1	806.5	815.0	821.7	686.7	705.7
G85.0	900.5	796.3	720.2	675.1	650.8	533.4	462.9	495.6	401.7	394.9
G86.0	550.6	453.2	480.1	409.0	377.5	331.7	313.0	293.5	162.0	187.8
G87.0	298.0	233.1	227.1	136.3	156.2	149.6	156.5	123.9	0.0	84.2
G88.0	71.3	84.2	168.7	155.8	123.6	136.6	156.5	123.9	0.0	103.6
G89.0	71.3	123.0	103.8	64.9	130.2	136.6	123.9	130.4	0.0	90.6
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7	215232.7			
G1.0	214622.9	215057.5	215336.9	215616.5	215650.0	215532.7	215725.1			
G2.0	213208.5	214064.2	214699.1	215096.2	215258.8	215115.3	215381.8			
G3.0	211099.9	212279.0	213247.8	213808.3	214104.7	213869.7	214112.0			
G4.0	208134.9	209669.3	211015.6	211713.9	212103.0	211802.4	212142.6			
G5.0	204410.8	206254.7	207527.3	208826.0	209312.4	208958.9	209350.5			
G6.0	199973.0	202177.9	203687.5	205190.1	205798.0	205006.8	205800.4			
G7.0	194412.8	196919.6	199118.9	200364.0	201083.8	200643.9	201097.2			
G8.0	188573.6	191284.8	193743.3	195186.6	196056.8	195517.9	196465.3			
G9.0	182027.2	185020.3	187703.9	189319.7	190266.8	189668.0	190019.5			
G10.0	174948.8	178165.0	180343.3	182717.9	183746.6	183211.6	183606.0			
G11.0	167292.9	170647.6	172956.7	175491.7	176613.4	175294.4	176661.4			
G12.0	159325.7	162831.6	165225.2	167803.6	168984.8	167664.1	169276.2			
G13.0	150540.9	154126.2	157370.1	159985.5	160397.6	159896.9	160854.5			
G14.0	142242.8	145868.8	149170.0	150957.6	152149.5	151692.7	152646.6			
G15.0	133827.9	137455.5	140709.6	142443.5	143686.3	143260.2	144898.6			
G16.0	125627.0	129237.0	132457.4	134131.0	135301.3	134925.6	136451.0			
G17.0	117530.0	120213.5	123281.1	125727.5	126844.5	125717.1	127465.7			
G18.0	109627.6	112163.8	115120.1	117473.6	118518.2	117493.3	119568.7			
G19.0	101439.8	104665.9	107434.1	109688.0	109983.2	109771.8	111613.4			
G20.0	94316.0	97336.7	99247.1	101388.5	102367.6	102213.2	103923.8			
G21.0	87477.6	90267.3	92752.1	94051.7	94980.2	94850.3	95800.1			
G22.0	81385.4	83717.1	85404.6	87293.8	88186.1	88067.8	88972.0			
G23.0	75189.4	76998.2	79137.3	80932.6	81894.1	81031.0	82318.9			
G24.0	69752.4	71421.8	73351.7	74929.2	75732.5	75063.7	76475.5			
G25.0	64393.3	66410.2	68145.3	69582.7	69831.6	69748.6	70833.0			
G26.0	59955.6	61794.6	62978.0	64268.7	64961.0	64863.9	65695.7			
G27.0	55796.8	57529.6	58591.6	59774.2	60396.9	59894.5	60960.1			
G28.0	52072.7	53621.5	54615.2	55683.0	56250.0	55772.8	56302.3			
G29.0	48283.7	49700.6	50951.2	51930.1	52442.2	52003.3	52473.7			
G30.0	45143.5	46435.2	47567.0	48476.3	48640.9	48553.4	49046.7			
G31.0	42301.7	43526.9	44553.8	45087.6	45485.1	45442.6	45924.2			
G32.0	39771.4	40871.8	41540.6	42271.2	42648.8	42605.7	42730.4			
G33.0	37331.9	38366.0	38996.0	39643.5	40008.1	39716.6	40009.6			
G34.0	35152.0	35860.2	36666.1	37282.5	37602.2	37336.2	37528.4			
G35.0	32913.6	33756.9	34498.9	35058.0	35137.5	35112.4	35274.0			
G36.0	31025.6	31789.9	32501.0	32814.0	33051.0	33045.0	33226.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	29325.7	30004.7	30496.5	30966.8	31199.3	31179.8	31283.4			
G38.0	27697.2	28219.5	28797.9	29204.2	29445.3	29269.0	29456.5			
G39.0	26075.3	26661.5	27197.0	27610.6	27808.8	27645.1	27765.7			
G40.0	24725.7	25285.2	25758.7	26134.2	26178.7	26158.2	26191.5			
G41.0	23415.2	23960.9	24418.0	24599.1	24763.8	24762.6	24785.7			
G42.0	22253.8	22734.0	23155.5	23337.3	23479.3	23484.3	23509.5			
G43.0	21176.8	21610.9	21905.9	22186.1	22312.2	22212.6	22330.5			
G44.0	20112.8	20487.8	20858.2	21106.3	21145.1	21162.6	21209.7			
G45.0	19185.0	19520.6	19849.4	19994.1	20154.0	20138.7	20114.9			
G46.0	18296.2	18637.7	18931.8	19096.5	19208.6	19193.1	19071.9			
G47.0	17524.1	17806.8	18014.2	18238.0	18341.4	18227.9	18197.4			
G48.0	16752.0	16982.3	17187.6	17392.4	17506.8	17399.7	17407.0			
G49.0	15986.4	16190.3	16458.7	16637.9	16704.8	16649.7	16623.1			
G50.0	15331.1	15567.1	15781.9	15883.4	15994.1	15951.9	15904.1			
G51.0	14701.8	14918.0	15066.0	15220.0	15322.5	15247.5	15197.9			
G52.0	14150.3	14307.7	14415.2	14576.1	14709.6	14595.4	14595.4			
G53.0	13540.4	13678.0	13790.5	13932.1	14122.8	13988.9	13993.0			
G54.0	12917.6	13106.8	13302.4	13392.3	13444.7	13441.0	13332.2			
G55.0	12424.5	12580.9	12755.7	12806.9	12936.1	12893.2	12833.4			
G56.0	11944.4	12022.7	12196.0	12299.6	12395.0	12286.7	12315.1			
G57.0	11438.3	11555.2	11701.4	11772.7	11873.3	11784.5	11764.5			
G58.0	10958.2	11120.3	11226.3	11304.4	11319.1	11328.0	11323.9			
G59.0	10484.6	10659.4	10796.8	10836.1	10888.8	10865.0	10928.8			
G60.0	10121.3	10269.9	10334.7	10348.3	10386.7	10415.0	10410.5			
G61.0	9719.0	9776.5	9892.2	9958.0	9995.5	10010.7	9976.5			
G62.0	9297.3	9426.0	9521.2	9548.3	9558.7	9638.9	9613.7			
G63.0	8901.5	9004.0	9156.8	9106.0	9141.4	9234.6	9186.1			
G64.0	8512.3	8672.9	8759.8	8728.7	8769.7	8849.8	8803.9			
G65.0	8103.5	8348.3	8408.3	8351.5	8365.4	8497.7	8389.3			
G66.0	7759.6	7926.4	7985.3	8000.3	7987.3	8086.8	8078.4			
G67.0	7409.3	7588.8	7653.4	7662.0	7648.2	7747.7	7709.1			
G68.0	7065.4	7199.3	7289.0	7245.8	7263.5	7395.5	7339.8			
G69.0	6676.1	6790.3	6852.9	6875.0	6898.4	6997.7	6957.6			
G70.0	6319.3	6381.4	6475.5	6575.8	6539.8	6645.5	6614.3			
G71.0	5943.0	6011.3	6072.0	6211.6	6187.7	6221.6	6238.5			
G72.0	5560.2	5615.3	5655.5	5814.8	5790.0	5810.8	5843.4			
G73.0	5151.5	5173.9	5310.5	5483.1	5464.0	5432.5	5467.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	4755.7	4738.9	4815.9	5105.8	5131.4	4956.4	5046.5			
G75.0	4236.7	4355.9	4464.5	4631.0	4635.9	4604.3	4631.9			
G76.0	3860.4	3979.4	4041.5	4221.3	4205.5	4193.4	4249.7			
G77.0	3516.5	3570.4	3651.0	3733.5	3820.8	3821.7	3835.1			
G78.0	3120.7	3142.0	3260.5	3271.6	3468.8	3391.2	3478.8			
G79.0	2705.5	2746.0	2837.5	2952.9	3077.5	3026.0	3070.7			
G80.0	2251.3	2330.5	2453.5	2510.6	2601.6	2647.8	2694.9			
G81.0	1849.1	1954.0	2069.5	2061.9	2197.3	2243.4	2299.8			
G82.0	1414.4	1532.0	1666.0	1704.1	1812.6	1878.2	1852.8			
G83.0	1103.0	1194.5	1366.7	1398.4	1421.4	1447.8	1515.9			
G84.0	752.6	856.9	1041.3	1027.7	1056.3	1102.2	1217.9			
G85.0	460.6	519.3	709.4	741.5	808.5	867.4	900.5			
G86.0	285.5	292.1	377.5	403.3	489.0	521.7	550.6			
G87.0	116.8	136.3	104.1	221.1	254.3	221.7	298.0			
G88.0	97.3	155.8	156.2	162.6	143.4	123.9	71.3			
G89.0	129.8	142.8	130.2	162.6	143.4	110.9	71.3			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.3 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	1.#J
L 0-180(75) av	1.#J
L 0-180(85) av	1.#J
L 90-270(65) av	1.#J
L 90-270(75) av	1.#J
L 90-270(85) av	1.#J
L 45(65) av	1.#J
L 45(75) av	1.#J
L 45(85) av	1.#J

Standard: GB/T 29293-2012